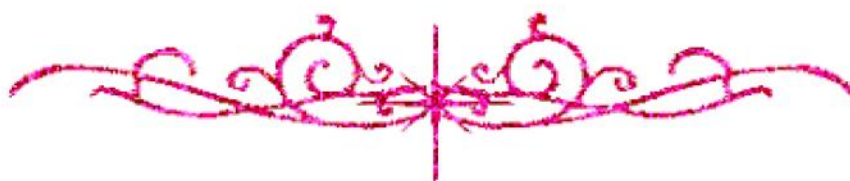


hossam maghraby



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



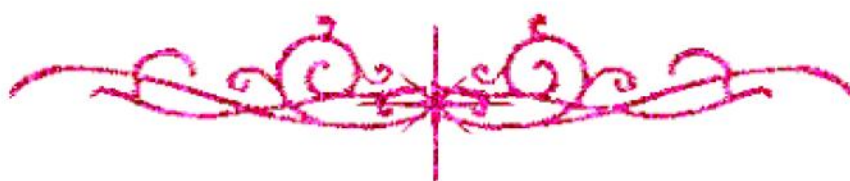
hossam maghraby



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



hossam maghraby



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

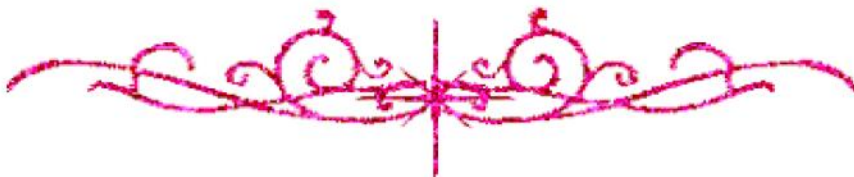
قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



hossam maghraby



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



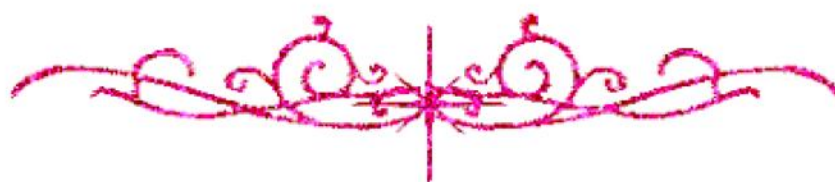
hossam maghraby



شبكة المعلومات الجامعية



**بالرسالة صفحات
لم ترد بالأصل**





Zagazig University
Benha branch

B16699

170

**TAXONOMIC STUDIES ON FAMILY TIPULIDAE
(NEMATOCERA - DIPTERA)
IN EGYPT**

A THESIS

Submitted for partial fulfillment

For

Master Degree of Science in Entomology

BY

Ayman Mohi El-Din Ebrahim

B. Sc (Entomology)

**Plant Protection Research Institute
Taxonomical Department
1998**

Supervisors

**1- Prof. Dr. Salwa K. Mohamed
Prof. of Insect Taxonomy
Entomology Department.
Faculty of Science,
Ain Shams University**

**2- Dr. Fathy Hamed Amin Negm
Senior researcher of insect taxonomy,
Classification research department ,
Plant Protection Research Institute.**

**3- Dr. Soumaya Mohamed Allam .
Assistant Prof. Entomology department,
Faculty of Science , Zagazig University
Benha branch**

Biography

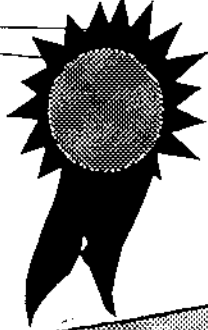
Date and Place of Birth : 30 - 9 - 1965 Cairo

Degree awarded : B.Sc. (Entomology) May 1987
Zagazig University , Benha branch.

Occupation : Assistant Researcher, Plant Protection
Research Institut, Taxonomical Dept.
Agriculture Research Center[A.R.C.].

SUPERVISORS

- 1- Prof. D. Salwa K. Mohammed
Prof Of insect Taxonomy ,
Entomology Department.
Faculty of Science
Ain Shams University
- 2- Dr. Fathy Hamed A. Negm
Senior researcher ,
Classification Department ,
Plant Protection Research Institute
- 3- Dr. Soumaya M. Allam
Assistant Prof. Entomology Dept. Faculty of
Science, Zagazig University-Benha branch.



List of Plates :

	Page
Plate(I) : Head, wing, halter, male and female genitalia of <i>Conosia irrorata</i> (Wiedemann)	44
Plate(II) : Head, wing, halter, male and female genitalia of <i>Erioptera septemtrionis</i> Osten Sacken.....	47
Plate(III) : Head, wing, halter, male, female genitalia and aedeagus of <i>Gonomiya sexguttata</i> Dale	51
Plate(IV) : Head, wing, halter and male genitalia of <i>Gonomyia spuria</i> Bergroth.....	53
Plate(V) : Head, thorax, wing, male genitalia of <i>Symplecta punctipennis</i> (Meigen).....	58
Plate(VI) : Head, thorax, wing, male genitalia of <i>Symplecta stictica</i> Meigen.....	59
Plate(VII) : Head, wing, halter, male and female genitalia of <i>Trimicra inconspicua</i> (Loew).....	62
Plate(VIII) : Head, wing, halter, male and female genitalia of <i>Dicranomyia ventralis</i> (Schummel).....	66

10